

(11)Publication number : **2001-228942**

(43) Date of publication of application : **24.08.2001**

(51)Int.Cl.

G06F 1/28

H02J 7/00

(21)Application number : **2000-039090**

(71)Applicant : **INTERNATL BUSINESS MACH
CORP <IBM>**

(22)Date of filing : **17.02.2000**

(72)Inventor : ODAOHARA SHIGEFUMI
NAKAMURA TETSUSHI
MABUICHI TOMOKI

(57)Abstract:

PROBLEM TO BE SOLVED: To display information relevant to power consumption of a system component 123 on a display of a PC 100.

SOLUTION: An intelligent battery pack 103 transmits information such as voltage and current relevant to the power consumption to a controller 115 through a line 125 when the PC 100 is driven by a battery 105. When power is supplied from the AC adaptor 101 to the component 123, a power source is once switched to the battery pack 103 for time to be required for measurement and the information is displayed by using measuring and communicating functions provided with the pack. Consequently, no special power detecting circuit is required for power supply system from the AC adaptor 101.

